



# EPIDEMIOLOGY & SURVEILLANCE

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## Influenza Surveillance Report: Collin County MMWR Week 2 (January 5 – 11, 2020) Influenza Report as of January 21, 2020

### Overview

#### Collin County

- Influenza activity in Collin County is decreasing.
  - 5.1% of patient visits to health care facilities were due to influenza-like illness (ILI).
  - 4.8% of absenteeism in Collin County Independent School Districts was due to ILI.
  - No influenza-associated pediatric deaths were reported this week. Total this season: 0
- Influenza reporting in Collin County is voluntary.*

#### Texas

- Influenza activity in Texas is decreasing.
- 7.8% of patient visits to health care facilities were due to ILI, which is above baseline (4.8%).
- 1 influenza-associated pediatric death was reported this week. Total this season: 9

#### United States

- Influenza activity in the United States is decreasing.
- 4.7% of patient visits to health care facilities were due to ILI, which is above baseline (2.4%).
- 7 influenza-associated pediatric deaths were reported this week. Total this season: 39

### Influenza Activity

The following tables demonstrate the number of influenza tests performed by healthcare providers and the total number of tests that were positive. The numbers displayed below represent the totals reported by participating healthcare facilities. Table I. displays the number of tests performed and how many of those were positive for the week. Table II. Shows the cumulative totals for the prior weeks and breaks down the current week. Figure I. below displays the number of positive influenza cases for the current 2019-2020 flu season by MMWR week.

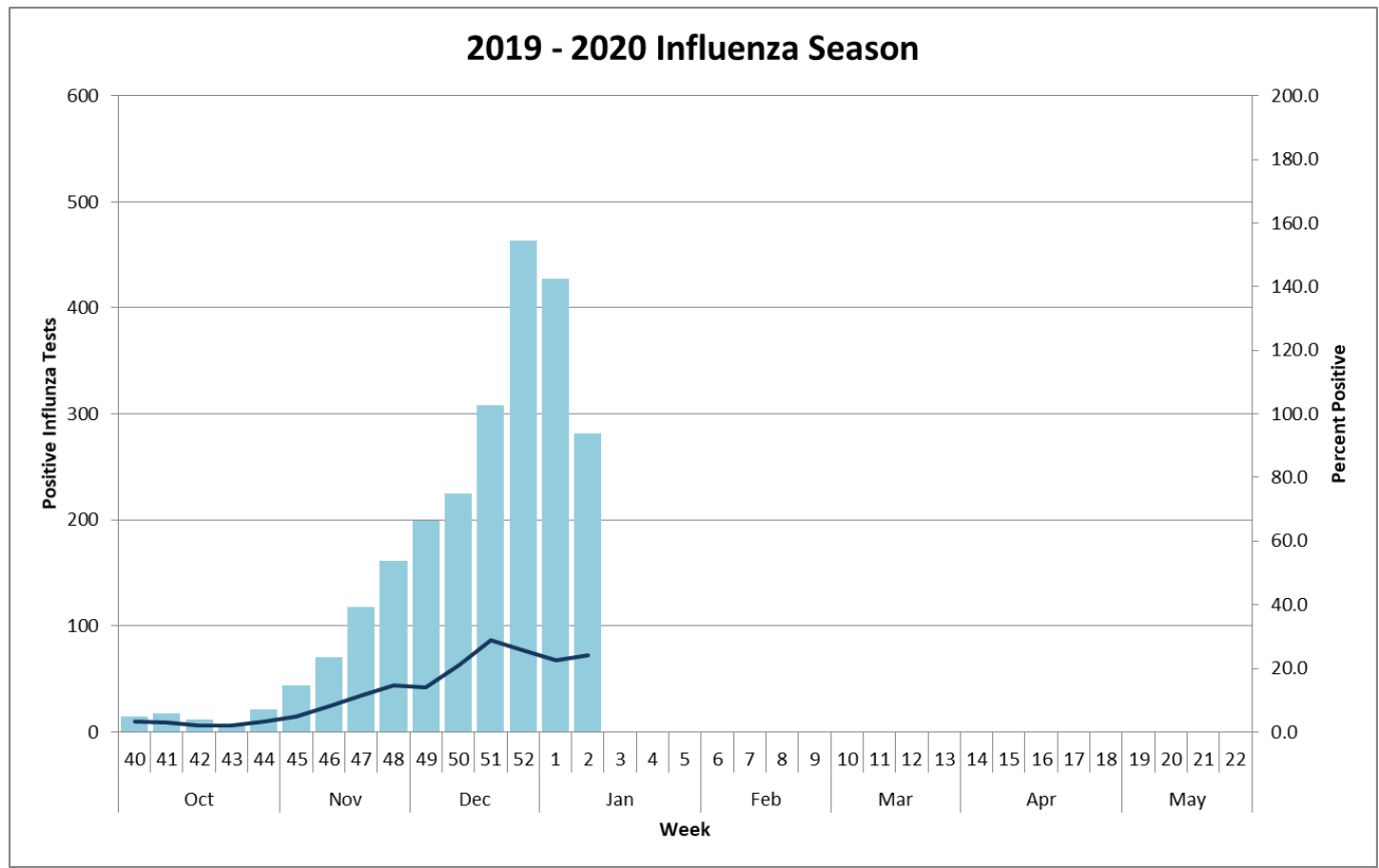
**Table I. Overview of Individuals Tested for Week 2**

Total Tests Performed	Total Positive	Percent Positive
1176	282	24.0%

**Table II. Influenza Test Results**

	Season to Date	Current Week
<b>Total Individuals Tested</b>	<b>13388</b>	<b>1176</b>
<b>Total Positive Tests</b>	<b>2170 (16.2%)</b>	<b>282 (24.0%)</b>
<b>Positive Rapid Type A</b>	<b>647 (29.8%)</b>	<b>156 (55.3%)</b>
<b>Positive Rapid Type B</b>	<b>1523 (70.2%)</b>	<b>126 (44.7%)</b>
<b>Positive Rapid Type A and B</b>	<b>0 (0.0%)</b>	<b>0 (0.0%)</b>
<b>Positive Rapid Undifferentiated</b>	<b>0 (0.0%)</b>	<b>0 (0.0%)</b>
<b>Positive PCR/Culture Type A</b>	<b>0 (0.0%)</b>	<b>0 (0.0%)</b>
<b>Positive PCR/Culture Type B</b>	<b>0 (0.0%)</b>	<b>0 (0.0%)</b>

**Figure I. Number of Positive Influenza Cases for Collin County by MMWR Week**



### **Independent School Districts Influenza Activity**

Independent School Districts in Collin County that submitted the absenteeism surveillance for week 2 reported an absenteeism rate of 3.6% of which 4.8% was due to influenza-like illness.

## **Additional Sources**

For more information on influenza and influenza surveillance please visit these helpful sites:

Texas Influenza Information: <http://www.dshs.state.tx.us/idcu/disease/influenza/>

Centers for Disease Control and Prevention: <https://www.cdc.gov/flu/#>

If you have any questions or comments regarding influenza reporting or about this report, please contact:

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Collin County receives influenza activity reports from healthcare providers and schools. Influenza reporting is optional for these facilities. If you are a healthcare provider or school and would like to report influenza activity at your facility please visit our website for reporting forms at [http://www.collincountytx.gov/healthcare\\_services/Pages/influenza.aspx](http://www.collincountytx.gov/healthcare_services/Pages/influenza.aspx)

### **Information in this report was obtained from:**

Centers for Disease Control and Prevention. (21 January, 2020). Weekly U.S. Influenza Surveillance Report Fluvview  
Retrieved from: <http://www.cdc.gov/flu/weekly/>

Texas Department of State Health Services. (21 January, 2020). 2019 – 2020 Texas Influenza Surveillance Activity  
Retrieved from: <https://www.dshs.state.tx.us/IDCU/disease/influenza/surveillance/2019-2020.aspx>